## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17351	(expir\$ or terminat\$ or end or ending or finish\$ or conclud\$ or stop\$ or discountinue) near4 (date or day or time or period or month or cycle).clm.	US-PGPUB	OR	ON	2006/09/19 15:44
L2	8398	(HMAC or MAC or "message authentication code" or digest or hash-or checksum).clm:	US-PGPUB	OR	ON	2006/09/19 15:45 Oens dre
L3	41	1 with 2	US-PGPUB	OR	ON	2006/09/19 15:45
- <u>L</u> 4	74	(anonymous or alias or proxy or pseudo or pseudonym or "single use" or temporary) near3 1	US-PGPUB	OR	ON	2006/09/19 15:45 Const
Ĺ5	6	(verif\$ or validat\$ or confirm\$ or check\$ or authentic\$ or certify\$ or certification) with 4	US=PGPUB	OR	ON	2006/09/19 15:46

## **EAST Search History**

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L1	1647	705/50-80.ccls. and @pd>"20050503"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:15
L2	628	713/50,155,182.ccls. and @pd>"20050503"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:16
L3	591	380/277-285,255.ccls. and @pd>"20050503"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:16
L4	3696	726/2-10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:17
L5	54868	HMAC or MAC or "message authentication code"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:27
L6	3976	(expir\$ or terminat\$ or end or ending or finish\$ or conclud\$ or stop\$ or discontinue) with 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:31
L7	726	6 with (place\$ or field or position or column or cell or table)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:32
L8	169694	5 or hash or digest or checksum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:31
L9	10814	(expir\$ or terminat\$ or end or ending or finish\$ or conclud\$ or stop\$ or discontinue) with 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33
L10	1440	9 and ("705"/\$ or "713"/\$ or "280"/\$ or "726"/\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:34
L11	40932	(place\$ or field or position or column or cell or insert\$ or replac\$ or input\$ or enter\$) with 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33

## **EAST Search History**

L12	647944	(expir\$ or terminat\$ or end or ending or finish\$ or conclud\$ or stop\$ or discontinue) near4 (date	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:39
		or day or time or period or month or cycle)	DERVIENT			
L13	3 173	11 with 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:34 Censidre
L14	4 42	13 and ("705"/\$ or "713"/\$ or "280"/\$ or "726"/\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:39
L15	848	12 with 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:39
L16	5 193	15 and ("705"/\$ or "713"/\$ or "280"/\$ or "726"/\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:39 Consider
L17	7 151	16 not 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 13:17
L18	3 1684	(anonymous or alias or proxy or pseudo or pseudonym or "single use" or Temporary) near3 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 13:20 Cow, drei
L19	9 54	(verif\$ or validat\$ or confirm\$ or check\$ or authentic\$ or certify\$ or certification) with 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 13:22

9/19/06 1:53:30 PM C:\Documents and Settings\JWorjloh\My Documents\EAST\workspaces\09886486.wsp Page 2

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
E1.	2419	"transaction number"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:48 , را
T2	17	expected near2 1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:22
<b>L3</b>	0	("6636971").URPN.	USPAT	OR	ON	2005/05/03 08:24
L4	2	("5727061"   "5748738").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/03 08:24
15	0	1 and 4	US-PGPUB; USPAT; USOCR	OR	ON"	2005/05/03:08:25 Cansi
L6	28	(calculat\$ or compute or computed) near3 1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:43
L7	2	((verif\$ or validat\$ or confirm\$ or check\$ or authentic\$ or certify\$ or certification) near4 (code)) and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:44
L8	1	((verif\$ or validat\$ or confirm\$ or check\$ or certify\$ or certification) near4 (code)) and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:44
L9	41290	("message digest" or HMAC or MAC or "message authentication code")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:50
L10	1422689	(verif\$ or validat\$ or confirm\$ or check\$ or authentic\$ or certify\$ or certification)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:50
L11	3654	L10 near4 L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:50
L12	3654	L11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON (	2005/05/03 08:51
L13	76	1 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:52

Search History 5/3/05 10:18:52 AM Page 1 C:\APPS\east\workspaces\09886486.wsp

All 9-19-06 Search

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11	162602	(next or second or expected) near3 (number)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:58
ا22	41256	("message digest" or HMAC or MAC or "message authentication code")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:44
13	4519	705/50-80.ccis.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:44
L4	7752	713/150,155,182,200-202.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:47
L5	1978	380/277-285,255.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:47
L6	358	1 same 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:47 ,
L7	30	6 and (3 or 4 or 5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:13
L9	38	("5231666").URPN.	USPAT	OR	ON	2005/05/02 15:55
L10	6	9 and (transaction near2 number)	USPAT	OR	ON	2005/05/02 15:57
L11	11	("4309569"   "4661658"   "4850177"   "4908861"   "4918728"   "4924514"   "4924515"   "4941176"   "4993069"   "5007089"   "5103478").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/02 15:57
L12	0	11 and (transaction near2 number)	ÜSPAT	OR	ON	2005/05/02 15:58
L13	5862	(transaction near3 number)	USPAT	OR	ON	2005/05/02 15:58
L14	394	(next or second or expected) near3 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:58 
L15	4	14 same 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:59

Search History 5/2/05 4:25:13 PM Page 1 C:\APPS\east\workspaces\09886486.wsp

L16	1421810	(verif\$ or validat\$ or confirm\$ or check\$ or authentic\$ or certify\$ or certification)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:04
L17	3651	16 near4 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:07 Carris 1 La-4
L18	27	17 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:13
L20	155354	1 not ("random number")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:13
L21	408	17 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:13 Censidi
	61	21 and (3 or 4 or 5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:13

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  File 624:McGraw-Hill Publications 1985-2005/May 02
         (c) 2005 McGraw-Hill Co. Inc
*File 624: Homeland Security & Defense and 9 Platt energy journals added
Please see HELP NEWS624 for more
  File 636:Gale Group Newsletter DB(TM) 1987-2005/May 02
         (c) 2005 The Gale Group
  File 621:Gale Group New Prod. Annou. (R) 1985-2005/May 02
         (c) 2005 The Gale Group
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       16:Gale Group PROMT(R) 1990-2005/Apr 29
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        99:Wilson Appl. Sci & Tech Abs 1983-2005/Mar
         (c) 2005 The HW Wilson Co.
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File 347:JAPIO Nov 1976-2004/Dec(Updated 050405)
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	A'	FION (W) CODE)
S5	8675209	(VERIF? OR VALIDAT? OR CONFIRM? OR CHECK? OR AUTHENTIC? OR
	C	ERTIFY? OR CERTIFICATION)
S6	6347	S5 (N4) S4
<b>S</b> 7	641974	S1 (N3) 3
S8	358	S6 AND S7
S9 .	93_	S8_AND_PD<20000411
\$10	93	RD (unique items)
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L2	1129	713/150,"155","156".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 09:35
L4	298	(HMAC or MAC or "message authentication code") and (1 or 2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:01 2004/10/19 09:44
L5	2	"20010034720".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 09:44
L6	3	"expected transaction sequence"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:39
-L7	24584	(anonymous or alias or proxy or disposable or pseudo or pseudonym or "single use") near3 (account or number or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	-6N	<del>-2004</del> /10/19 <sup>-</sup> 10:39
L8	1192	(next or second or secondary or expect\$) near4 7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 09:49
L9	28	(1 or 2) and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:40
110	10799	((expire or expiration or termnation or ending) near3 (date or month or day))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:01
L11	662	(HMAC or MAC or "message authentication code") and L10	US-PGPUB; USPAT; EPO; JPO; -DERWENT-	OR	ON	2004/10/19 10:01 Conside
Ĺ12	43	(HMAC or MAC or "message authentication code") same L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:20
L13	5928	(HMAC or MAC or "message authentication code") near20 (placeholder or field or position or column or cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	-2004/10/19 10:08

L14	30	(1 or 2) and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:09
<b>L1</b> 5	2	"9967766":pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:34
L16	44	("one way") same L10	US-PGPUB; USPAT; EPO; JPO; _DERWENT_	OR	ON	2004/10/19 10:26
117	151667	(next or second or expected) near3 (number)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON.	2004/10/19 10:39
L18	184312	(next or second or expected or random) near3 (number)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:39
L19	6059	7 same 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:40 ConSi & S
 L20	157	(1 or 2) and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:41
S1	2	"20030120615".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 12:53
S2	2	"572 <del>44</del> 24".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 11:17
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S4	929	((account or card or payment) near3 (number or code)) same ((private or secret or integrity) near3 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 14:49
.S5	251	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 13:54

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	S6	82	S3 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 13:54
	\$7	1261	("message digest" or HMAC or MAC or "message authentication code") same ((private or secret or integrity) near3 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 14:55 (L)
	<b>S8</b>	32	S4 same S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 14:49
	59	731	(HMAC or MAC or message authentication code") same ((private or secret or integrity) near3 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:38 - Qms
F	S10	23	S4 same S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 14:56
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	S14	1	S13 and (bin or (bank near (id or ident\$)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:16
	S15	1	S13 and (bank)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:15
	S16	1	S13 and (issu\$ near (id or ident\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:36
	S17	1	S13 and ((expire:or expiration or termnation or ending) near3 (date or month or day))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:38

S18	10790	((expire or expiration or termnation or ending) near3 (date or month or day))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:00
S19	43	(HMAC or MAC or "message authentication code") same S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 09:35
S20	80	(checksum) same S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:44
S21	79	S20 not S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:45

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*File 610: File 610 now contains data from 3/99 forward.
Archive data (1986-2/99) is available in File 810.
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*File 624: Homeland Security & Defense and 9 Platt energy journals added
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        35:Dissertation Abs Online 1861-2004/Sep
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  File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
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  File 474: New York Times Abs 1969-2004/Oct 18
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  File 475: Wall Street Journal Abs 1973-2004/Oct 18
         (c) 2004 The New York Times
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File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep

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File 256:TecInfoSource 82-2004/Jul

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File 349:PCT FULLTEXT 1979-2002/UB=20041014,UT=20041007

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File 347:JAPIO Nov 1976-2004/Jun(Updated 041004)

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\*File 347: JAPIO data problems with year 2000 records are now fixed. Alerts have been run. See HELP NEWS 347 for details.

Set Items Description

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S2	495821	(HMAC OR MAC OR (MESSAGE(W)AUTHENTICATION(W)CODE))
S3	154	S1 (S) S2
S4	23	S3 AND PD<20000412
S5	19	RD (unique items)
S6	16400	(HMAC OR MAC OR "MESSAGE AUTHENTICATION CODE") (N20) (PLAC-
	EH	HOLDER OR FIELD OR POSITION OR COLUMN OR CELL)
S7	2823	S6 AND PD<20000411
S8	6599	(HMAC OR MAC OR "MESSAGE AUTHENTICATION CODE") (N5) (PLACE-
	HC	OLDER OR FIELD OR POSITION OR COLUMN OR CELL)
<b>S</b> 9	1085	S8 AND PD<20000411
S10	142	(ONE(W)WAY) (S) S1
S11	4459699	10 AND PD<20000411
S12	4459699	S11 AND PD<20000411
S13	31	S10 AND PD<20000411
 514	30	RD (unique items) Consider

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	L	Hits-	-Search-Text-	-DB	Time stamp	\$10
~~~~~~~~	Number					1,0
	6	3	"expected transaction sequence"	USPAT;	2004/02/18	\
_				US-PGPUB;	10:05	1
-	<u>`</u>			EPO; JPO;		1 /
				DERWENT		V
	7	23127	"transaction sequence" or "sequence	USPAT:	2004/02/18	
	'	10117	number"	US-PGPUB;	10:05	1
			number		10.00	
				EPO; JPO;		
				DERWENT	00040040	1
	8	638	(MAC or "message authentication code" or	USPAT;	2004/02/18	ı
			hash\$ or "message digest" or HMAC) same	US-PGPUB;	11:49	1
			("transaction sequence" or "sequence	EPO; JPO;	Consider	<b>,</b> (
			number")	-DERWENT	000104	,
	9	25	705/64-79.ccls. and ( (MAC or "message	USPAT:	2004/02/18	1
			authentication code" or hash\$ or "message	US-PGPUB:	10:12	
			digest" or HMAC) same ("transaction	EPO; JPO;	,	11
			•	DERWENT		
			sequence" or "sequence number"))		2004/02/40	
	12	27	(US-5724424-\$ or US-6227447-\$ or	USPAT;	2004/02/18	
			US-5883810-\$ or US-5790677-\$ or	US-PGPUB	11:24	
			US-5761306-\$ or US-6072870-\$ or			
			US-5317636-\$ or US-6370514-\$ or			1
			US-5903878-\$ or US-6567794-\$ or			11
			US-6292895-\$ or US-6253322-\$ or			[]
	1		US-6038551-\$ or US-6029150-\$ or			11
			US-5870473-\$ or US-6098053-\$ or			11
			US-6539364-\$ or US-6449717-\$ or			
			·			ľ
			US-6658568-\$ or US-6167402-\$).did. or			il
			(US-20010034720-\$ or US-20020052784-\$ or		/	1
			US-20020032663-\$ or US-20010051902-\$ or			1
			US-20010047281-\$ or US-20010037451-\$ or			
			US-20030120615-\$).did.	The state of the s		1
	13	193279	(route or routing or send\$ or transmit\$ or	USPAT;	2004/02/18	-
			transport\$) near4 (bank or issuer or	US-PGPUB;	10:31	_
			receiver or "payment computer")	EPO; JPO;		
		and all the second seco		DERWENT	Consider	ع.د
		47	//IIC 5724424 \$ ar IIC 6227447 \$ ar	***	2004/02/18	
	14	17	((US-5724424-\$ or US-6227447-\$ or	USPAT;	1	1
			US-5883810-\$ or US-5790677-\$ or	US-PGPUB;	10:35	1
			US-5761306-\$ or US-6072870-\$ or	EPO; JPO;		
			US-5317636-\$ or US-6370514-\$ or	DERWENT		1
			US-5903878-\$ or US-6567794-\$ or			-
			US-6292895-\$ or US-6253322-\$ or			
			US-6038551-\$ or US-6029150-\$ or			
			US-5870473-\$ or US-6098053-\$ or			i
	-		US-6539364-\$ or US-6449717-\$ or			
			US-6658568-\$ or US-6167402-\$).did. or		<i> </i>	1
			•		/	
	]		(US-20010034720-\$ or US-20020052784-\$ or		<i>[</i>	
			US-20020032663-\$ or US-20010051902-\$ or		<b> </b>	
			US-20010047281-\$ or US-20010037451-\$ or		]	1
			US-20030120615-\$).did.) and ((route or		/	
			routing or send\$ or transmit\$ or transport\$)		/	
1	1		near4 (bank or issuer or receiver or			1
1	1			I	· /	1

Search History \_\_2/18/04\_12:58:33\_PM\_\_\_Page\_1\_

		the same of the sa		COVISC
15	10	expiration and ((US-5724424-\$ or	USPAT;	2004/02/18
		US-6227447-\$ or US-5883810-\$ or	US-PGPUB;	12:09
		US-5790677-\$ or US-5761306-\$ or	EPO; JPO;	
		US-6072870-\$ or US-5317636-\$ or	DERWENT	
	ļ	US-6370514-\$ or US-5903878-\$ or	ļ	1
		US-6567794-\$ or US-6292895-\$ or		
i		US-6253322-\$ or US-6038551-\$ or		
1		US-6029150-\$ or US-5870473-\$ or		
		US-6098053-\$ or US-6539364-\$ or		
		US-6449717-\$ or US-6658568-\$ or		
		US-6167402-\$).did. or (US-20010034720-\$ or		
		US-20020052784-\$ or US-20020032663-\$ or		
		US-20010051902-\$ or US-20010047281-\$ or		
		US-20010037451-\$ or		
			•	
	اما	US-20030120615-\$).did.)	USPAT:	2004/02/18
16	2	((US-5724424-\$ or US-6227447-\$ or	US-PGPUB;	11:50
		US-5883810-\$ or US-5790677-\$ or	1	11:50
		US-5761306-\$ or US-6072870-\$ or	EPO; JPO;	
		US-5317636-\$ or US-6370514-\$ or	DERWENT	
	İ	US-5903878-\$ or US-6567794-\$ or		
	]	US-6292895-\$ or US-6253322-\$ or	ļ	
		US-6038551-\$ or US-6029150-\$ or		
		US-5870473-\$ or US-6098053-\$ or		
	İ	US-6539364-\$ or US-6449717-\$ or		
		US-6658568-\$ or US-6167402-\$).did. or		ļ
		(US-20010034720-\$ or US-20020052784-\$ or		į
		US-20020032663-\$ or US-20010051902-\$ or		
		US-20010047281-\$ or US-20010037451-\$ or		
		US-20030120615-\$).did.) and ( (MAC or		[
	-	"message authentication code" or hash\$ or		
		"message digest" or HMAC) same expiration)		
17	2	((US-5724424-\$ or US-6227447-\$ or	USPAT;	2004/02/18
		US-5883810-\$ or US-5790677-\$ or	US-PGPUB;	12:12
		US-5761306-\$ or US-6072870-\$ or	EPO; JPO;	\
	Ì	US-5317636-\$ or US-6370514-\$ or	DERWENT	
		US-5903878-\$ or US-6567794-\$ or		}
		US-6292895-\$ or US-6253322-\$ or		
		US-6038551-\$ or US-6029150-\$ or		
		US-5870473-\$ or US-6098053-\$ or		
		US-6539364-\$ or US-6449717-\$ or		
		US-6658568-\$ or US-6167402-\$).did. or		
		(US-20010034720-\$ or US-20020052784-\$ or		1
		US-20020032663-\$ or US-20010051902-\$ or		<b> </b>
		US-20010047281-\$ or US-20010037451-\$ or		<b> </b>
		US-20030120615-\$).did.) and ( (MAC or		/
		"message authentication code" or hash\$ or		
		"message digest" or HMAC or checksum)		
		same expiration)		
18	530	(anonymous or alias or proxy or disposable	USPAT;	2004/02/18
		or pseudo or pseudonym or packet) near3	US-PGPUB;	12:11
	1	(expire or expiration)	EPO; JPO;	
	1		DERWENT	

				00000000	
19	0	((US-5724424-\$ or US-6227447-\$ or	USPAT;	2004/02/18	
	[	US-5883810-\$ or US-5790677-\$ or	US-PGPUB;	12:11	
		US-5761306-\$ or US-6072870-\$ or	EPO; JPO;		
		US-5317636-\$ or US-6370514-\$ or	DERWENT		
]		US-5903878-\$ or US-6567794-\$ or			
		US-6292895-\$ or US-6253322-\$ or			
		US-6038551-\$ or US-6029150-\$ or			
		US-5870473-\$ or US-6098053-\$ or			
ŀ	]	US-6539364-\$ or US-6449717-\$ or			
]		US-6658568-\$ or US-6167402-\$).did. or			
		(US-20010034720-\$ or US-20020052784-\$ or			
		US-20020032663-\$ or US-20010051902-\$ or			
•		US-20010047281-\$ or US-20010037451-\$ or			
ļ		US-20030120615-\$).did.) and ((anonymous	:		
		or alias or proxy or disposable or pseudo or			
	1	pseudonym or packet) near3 (expire or			
	ļ	expiration)	•		
	1	expiration)			
00		) ((anonymous or alias or proxy or	USPAT;	2004/02/18	
20	207		US-PGPUB;	12:19	
		disposable or pseudo or pseudonym or	EPO; JPO;	12.19	
		packet) near3 (expire or expiration)	DERWENT		
		) and ( MAC or "message authentication	DERWENT		
		code" or hash\$ or "message digest" or			
		HMAC or checksum)		0004/00/40	
-	1528	705/64-79.ccls.	USPAT;	2004/02/18	
			US-PGPUB;	10:12	$\cap$
			EPO; JPO;	considere	رع
			-DERWENT-		
-	10	5724424.pn. or 200169556.pn. or	USPAT;	2004/02/17	
		1028401.pn.	US-PGPUB;	09:36	
			EPO; JPO;		
			DERWENT	\	
-	8	6227447.pn. or 5883810.pn. or 5790677.pn.	USPAT;	2004/02/17	
		or 5761306.pn.	US-PGPUB;	09:37	
			EPO; JPO;		
			DERWENT	and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th	
-	68	Armes.in.	USPAT;	2004/02/17	
			US-PGPUB;	09:37	
			EPO; JPO;		
			DERWENT	]	1
-	2	Armes.in. and @pd=20011025	USPAT;	2004/02/17	\
			US-PGPUB;	09:42	
			EPO; JPO;		
			DERWENT		
_	4	6072870.pn. or 5317636.pn.	USPAT;	2004/02/17	Ì
1			US-PGPUB;	09:41	1
		•	EPO; JPO;		/
			DERWENT		1
1	16	20020052784.pn. or 200246169.pn. or	USPAT;	2004/02/17	1
1	10	•	US-PGPUB;	09:45	
1		6370514.pn. or 20020032663.pn. or	1	55.75	
ŀ		20010051902.pn. or 20010051902.pn. or	EPO; JPO;		- 1
		20010047335.pn. or 20010047281.pn. or	DERWENT		
I	į į	20010037451.pn. or 5903878.pn.	L		/

Search History 2/18/04 12:58:33 PM Page 3

	3	200215077.pn. or 200184509.pn.	USPAT; US-PGPUB;	2004/02/17 09:46
	14	200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/17 09:48
	18	key and ((5724424.pn. or 200169556.pn. or	DERWENT USPAT; US-PGPUB;	2004/02/17 11:41
	2	1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200126062.pn. or 20010783.pn. or 20010622.pn.)) (key and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 20010051902.pn. or 20010047335.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010047335.pn. or 20010047281.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200126062.pn.) or (200167215.pn. or 200101622.pn.)) and (MAC or "message authentication code")	USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:02
-	488	((private or secret or lock) near3 key) same (MAC or "message authentication code")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:07
-	43	705/64-79.ccls. and (((private or secret or lock) near3 key) same (MAC or "message authentication code"))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:01
-	5	(key and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:07
		20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or		
		(200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))) and hash\$		

					1
-	2740	((private or secret or lock) near3 key) same	USPAT;	2004/02/17	
		(MAC or "message authentication code" or	US-PGPUB;	10:15	
		hash\$ or "message digest" or HMAC)	EPO; JPO;	` ,	
	-		DERWENT	Consid	J.
	3	(key and ((5724424.pn. or 200169556.pn. or	USPAT:	-2004/02/17	
1		1028401.pn.) or (6227447.pn. or	US-PGPUB;	10:10	
	:	5883810.pn. or 5790677.pn. or 5761306.pn.)	EPO; JPO;		(
		or (6072870.pn. or 5317636.pn.) or	DERWENT		İ
		(20020052784.pn. or 200246169.pn. or	DERWENT		
}		· ·	•		
		6370514.pn. or 20020032663.pn. or			
		20010051902.pn. or 20010051902.pn. or			
		20010047335.pn. or 20010047281.pn. or			İ
		20010037451.pn. or 5903878.pn.) or			
]		(200215077.pn. or 200184509.pn.) or			1/
1		(200167215.pn. or 200126062.pn. or		/	ſ
		20010783.pn. or 200101622.pn.))) and			
-		(digest or HMAC)			
-	274	705/64-79.ccls. and (((private or secret or	USPAT;	2004/02/17	
		lock) near3 key) same (MAC or "message	US-PGPUB;	10:10	
		authentication code" or hash\$ or "message	EPO; JPO;		
		digest" or HMAC))	DERWENT		l
1	926	((private or secret or lock) near3 key) same	USPAT;	2004/02/17	
-	320	account	US-PGPUB:	10:15	
		account	EPO; JPO;	101.0	ı
			DERWENT		l
				2004/02/17	l
-	285	(((private or secret or lock) near3 key)	USPAT;		
		same account) and (((private or secret or	US-PGPUB;	10:15	l
		lock) near3 key) same (MAC or "message	EPO; JPO;	٠	
		authentication code" or hash\$ or "message	DERWENT	Conside	5
	or first and the man days to avenue	digest" or HMAC))			
-	86	((((private or secret or lock) near3 key)	USPAT;	2004/02/17	_
		same account) and (((private or secret or	US-PGPUB;	11:21	ı
		lock) near3 key) same (MAC or "message	EPO; JPO;		l
		authentication code" or hash\$ or "message	DERWENT		l
		digest" or HMAC))) and 705/64-79.ccls.			l
	79671	bin or ((bank or "clearing house" or acquier	USPAT;	2004/02/17	1
		or clearinghouse or "third party" or issuer)	US-PGPUB;	11:19	
		near3 (id or identification or number or route	EPO; JPO;		~
		or routing or code))	DERWENT	0 . 1. 0	N.
		or tourna or code//		Considre	1
		(((((private or secret or lock) near3 key)	USPAT;	2004/02/17	
	65	*******		11:17	
1		same account) and (((private or secret or	US-PGPUB;		
		lock) near3 key) same (MAC or "message	EPO; JPO;		1
		authentication code" or hash\$ or "message	DERWENT		1
		digest" or HMAC))) and 705/64-79.ccls.) and			1
		(bin or ((bank or "clearing house" or acquier			
		or clearinghouse or "third party" or issuer)			
1		near3 (id or identifcation or number or route			1
1		or routing or code))			1
i i					

•	79315	bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identifcation or number or code))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:24
-	5021	(route or routing or send\$ or transmit\$ or transport\$) near4 (bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identifcation or number or code))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 11:21 
-	10	((((((private or secret or lock) near3 key) same account) and ((((private or secret or lock) near3 key) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))) and 705/64-79.ccls.) and ((route or routing or send\$ or transmit\$ or transport\$) near4 (bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identification or number or code))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 11:21
•	1	((route or routing or send\$ or transmit\$ or transport\$) near4 (bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identification or number or code)) )) and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 20010051902.pn. or 20010051902.pn. or 20010051902.pn. or 20010037451.pn. or 20010047281.pn. or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn.) or 20010783.pn. or 200101622.pn.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:43

Consider	el

		<u> </u>	
-	8 (bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identification or number or code)) ) and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 11:43
. 227	20010783.pn. or 200101622.pn.)) 4 Slater.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:13 Considered
	(bin or bank or "clearing-house" or acquier or clearinghouse or "third party" or issuer or id or identification or number or code) and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200101622.pn.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:25
	(bin or ((id or identification) near3 (number or code))) and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200101622.pn.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:30

			•	Considered
•	3	Slater.in. and "payment instruction"	USPAT; US-PGPUB; EPO; JPO;	2004/02/17 12:41
	2	(Slater.in. and "payment instruction") and key	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/17 12:41
-	35	(code or software or program or instructions) and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/17 12:43
		(6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or	DERWENT	
		20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or		
	9	200101622.pn.)) ((code or software or program or instructions) same key) and ((5724424.pn.	USPAT; US-PGPUB;	2004/02/17 12:44
		or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or	EPO; JPO; DERWENT	
		200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or		
		5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or		
-	18	200101622.pn.)) (US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or	USPAT; US-PGPUB	2004/02/17 12:44
		US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or		
		US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$ or US-20010047335-\$).did.		

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•	10	((code or software or program or instructions) same key) and ((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20010047281-\$ or US-20010051902-\$ or US-20010047281-\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:47
	17	US-20010037451-\$ or US-20030120615-\$ or US-20010047335-\$).did.) (US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or	USPAT; US-PGPUB	2004/02/17 12:47
-	16	US-20030120615-\$).did. (code or software or program or instructions) and ((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20010037451-\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 14:09
•	4866	US-20030120615-\$).did.) (code or software or program or instructions) near10 ((secret or private or lock) near3 key)	USPAT; US-PGPUB; EPO; JPO;	2004/02/17 14:27 Consider
	2	((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.) and ((code or software or program or instructions) near10 ((secret or private or lock) near3 key))	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 14:12
•	209	705/64-79.ccls. and ((code or software or program or instructions) near10 ((secret or private or lock) near3 key))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 14:13

	4912	(creat\$ or generat\$ or esablish\$ or produce	USPAT;	2004/02/17
		or producing or prodcued) near4 ((secret or	US-PGPUB;	14:27
		private or lock) near3 key)	EPO; JPO;	
		•	DERWENT	
	1467	(code or software or program or	USPAT;	2004/02/17
		instructions) same ((creat\$ or generat\$ or	US-PGPUB;	14:27
		esablish\$ or produce or producing or	EPO; JPO;	Ì
		produed) near4 ((secret or private or lock)	DERWENT	
		near3 key))		
	107	705/64-79.ccls. and ((code or software or	USPAT:	2004/02/17
•	.07	program or instructions) same ((creat\$ or	US-PGPUB:	15:04
		generat\$ or esablish\$ or produce or	EPO; JPO;	· · ·
		producing or produced) near4 ((secret or	DERWENT	10
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	8-	And the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	USPAT:	2004/02/17
•	•	US-5883810-\$ or US-5790677-\$ or	US-PGPUB;	15:06
		US-5761306-\$ or US-6072870-\$ or	EPO; JPO;	
		<b>,</b>	DERWENT	
		US-5317636-\$ or US-6370514-\$ or	DERVIEW	
		US-5903878-\$ or US-6098053-\$).did. or		
		(US-20010034720-\$ or US-20020052784-\$ or		
		US-20020032663-\$ or US-20010051902-\$ or		
		US-20010047281-\$ or US-20010037451-\$ or		
		US-20030120615-\$).did.) and ((expire or		
		expiration or termination or ending) near3		
		(date or month or day))		2004/02/47
-	1	_ <b>,,</b>	USPAT;	2004/02/17
		US-5883810-\$ or US-5790677-\$ or	US-PGPUB;	15:09
		US-5761306-\$ or US-6072870-\$ or	EPO; JPO;	
		US-5317636-\$ or US-6370514-\$ or	DERWENT	
		US-5903878-\$ or US-6098053-\$).did. or		
		(US-20010034720-\$ or US-20020052784-\$ or		
		US-20020032663-\$ or US-20010051902-\$ or		
		US-20010047281-\$ or US-20010037451-\$ or		
		US-20030120615-\$).did.) and (((expire or		
		expiration or termination or ending) near3		
		(date or month or day)) same (MAC or		
		"message authentication code" or hash\$ or		
		"message digest" or HMAC))		
	25	(US-5724424-\$ or US-6227447-\$ or	USPAT;	2004/02/17
		US-5883810-\$ or US-5790677-\$ or	US-PGPUB	15:10
		US-5761306-\$ or US-6072870-\$ or		
		US-5317636-\$ or US-6370514-\$ or		
		US-5903878-\$ or US-6098053-\$ or		
		US-6567794-\$ or US-6539364-\$ or		
		US-6449717-\$ or US-6292895-\$ or		
		US-6253322-\$ or US-6038551-\$ or		
		US-6029150-\$ or US-5870473-\$).did. or		
		(US-20010034720-\$ or US-20020052784-\$ or		
		US-20020032663-\$ or US-20010051902-\$ or	-	
		US-20010047281-\$ or US-20010037451-\$ or		
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/		1	((((expire or expiration or termination or ending) near3 (date or month or day)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))) and ((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-639364-\$ or US-6567794-\$ or US-6539364-\$ or US-6449717-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$).did. or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 15:10	
	-	144	(US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.) ((expire or expiration or termination or ending) near3 (date or month or day)) same (MAC or "message authentication code" or hash\$-or-"message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:31	
	-	6245 702	(field or column or cell) near10 (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)  ((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/02/17	, () 0-c
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		9916	(expire or expiration or termination or ending) near5 (field or column or cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:37 	Ver
	•	47	((expire or expiration or termination or ending) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:38	
	•	59001	(date or month-or-day)-near5-(field-or column or cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT	-2004/02/17 17:44	

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•	36	(((expire or expiration or termination or ending) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC) ) not ((((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:42
-	261	((date or month or day) near5-(field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:45
-	261	(((date or month or day) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC) ) not (((expire or expiration or termination or ending) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC) ) not (((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC) ))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:42
-	250	(((date or month or day) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC) ) not ((((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:43
•	16839	(date or month or day) near5 (field or column)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:44 Conside
	91	((date or month or day) near5 (field or column)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:45
-	80	(((date or month or day) near5 (field or column)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC) ) not ((((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC) )	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 09:32

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	80	((((date or month or day) near5 (field or	USPAT;	2004/02/17
1		column)) same (MAC or "message	US-PGPUB;	17:57
	•	authentication code" or hash\$ or "message	EPO; JPO;	
		digest" or HMAC) ) not ((((expire or	DERWENT	
1		expiration or termination or ending) near3		
		(date or month or day)) near5 (field or		
1		column or cell)) same (MAC or "message		
		authentication code" or hash\$ or "message		
		digest" or HMAC) )) not ((((expire or		
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1		"message authentication code" or hash\$ or		
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		near3 (date or month or day)) near5 (field or		
		column or cell)) same (MAC or "message		
		authentication code" or hash\$ or "message		
		digest" or HMAC) ))		
1	27	(US-5724424-\$ or US-6227447-\$ or	USPAT;	2004/02/17
1		US-5883810-\$ or US-5790677-\$ or	US-PGPUB	17:57
		US-5761306-\$ or US-6072870-\$ or		•
		US-5317636-\$ or US-6370514-\$ or		
	}	US-5903878-\$ or US-6567794-\$ or		
		US-6292895-\$ or US-6253322-\$ or		
		US-6038551-\$ or US-6029150-\$ or		
		US-5870473-\$ or US-6098053-\$ or		
		US-6539364-\$ or US-6449717-\$ or		
		US-6658568-\$ or US-6167402-\$).did. or		
		(US-20010034720-\$ or US-20020052784-\$ or		
		US-20020032663-\$ or US-20010051902-\$ or		
		US-20010047281-\$ or US-20010037451-\$ or		
		US-20030120615-\$).did.		
	15	((US-5724424-\$ or US-6227447-\$ or	USPAT:	2004/02/17
-		US-5883810-\$ or US-5790677-\$ or	US-PGPUB;	17:58
1		US-5761306-\$ or US-6072870-\$ or	EPO; JPO;	
		US-5317636-\$ or US-6370514-\$ or	DERWENT	
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1		US-6292895-\$ or US-6253322-\$ or		
<b>.</b>		US-6038551-\$ or US-6029150-\$ or		
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Ì		US-6658568-\$ or US-6167402-\$).did. or		
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		US-20030120615-\$).did.) and (bin or ((bank		
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